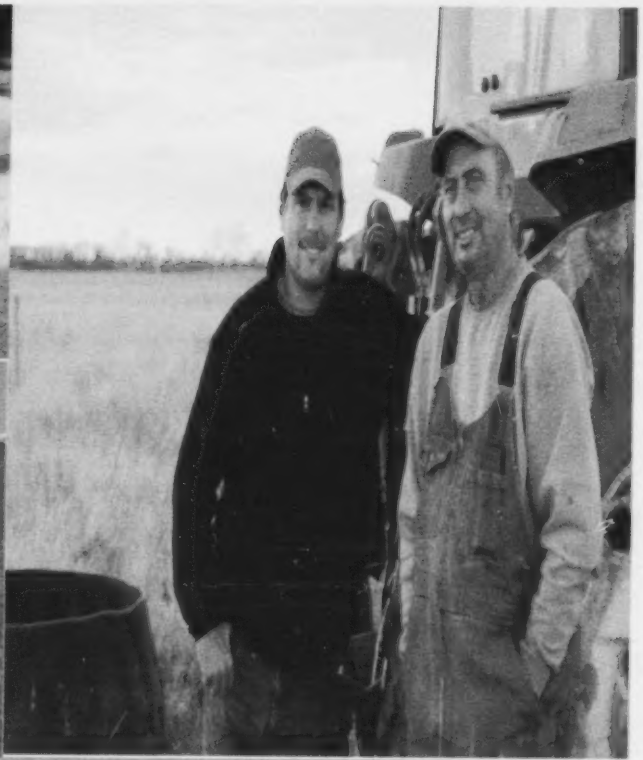

INDUSTRY PROFILES

Agricultural Industry

2015

Alberta

Overview:

The Agricultural industry[1] in Alberta includes a variety of establishments or services:

- Crop production: farms, orchards, greenhouses, nurseries and other places that grow crops seeds (excluding forestry products);
- Animal production and aquaculture: ranches, farms, feedlots and other places that raise animals, produce animal products or fatten animals;
- Fishing, hunting, and trapping activities: catching fish and other wild animals;
- Agricultural support services for crop production and animal production.

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4. Size of Businesses in Alberta and the Industry
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[1] North American Industry Classification System (NAICS) 2007 groups 111, 112, 114, 1151 and 1152, not including support activities for forestry 1153.

Section A: Business Environment

1. 2014 Employment and Unemployment Numbers and Rates

Table 1

	Alberta	Agricultural Industry
Number of employed	2,274,600	60,600
Employment Share	N/A	2.7%
Number of unemployed	111,700	N/A
Unemployment rate	4.7%	N/A

Data Source: Statistics Canada, Labour Force Survey, CANSIM Table 282-0008, 2015
Note: N/A denotes non-applicable and also data suppressed by Statistics Canada due to insufficient sample size. Employment share is obtained by dividing the number of employment in this industry by total employment in Alberta

For more information on employment numbers or for a historical comparison, please go to the Labour Force Statistics[2] or Statistics Canada[3] websites.

2. Industry's Growth

- The Agricultural industry accounted for 2.7% of total employment in Alberta in 2014.
- Employment in is this industry expected to grow at an average rate of 0.1% from 2015 to 2019[4].
- The industry is expected to account for 2.7% of total employment in Alberta in 2015.

For more information, see the Alberta Learning Information Service (ALIS)[5] website for descriptions of industries.

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[2] See http://work.alberta.ca/labour/labour-force-statistics-and-annual-reviews.html
[3] See http://www.statcan.gc.ca
[4] Alberta Modified Canadian Occupational Projection System (COPS) Outlook 2015 – 2019, Industry Employment Outlook
[5] See http://www.alis.alberta.ca

3. Facts, Trends and Outlook

According to Statistics Canada's National Economic Accounts, the Agricultural industry accounted for approximately 1.5%[6] of Alberta's Gross Domestic Product in 2014, down from 1.6% in 2004. Its contribution to Alberta's total employment declined from 3.7% in 2004 to 2.7% in 2014.

Total employment (the total number of employees and self-employed people, 15 years and over) in 2014 was 4.4% lower than its level in 2013. Over the last 10 years, employment decreased by 4,600 from 2004, a 7.1% decrease. There were 60,600 employed in the industry in 2014, of whom 85.8% were full time and 14.2% were part time.

Table 2

Characteristic	Alberta	Agriculture
Median Retirement Age (years)	62.4	N/A
Average Number of Hours Worked per Week (in reference week, main job)	37.5	46.3
Multiple Jobholders (% of total employment)	5.7%	7.4%
Average Job Tenure (months)	88.2	232.3
Employees Under Union Coverage (%)	83.1%	28.1%
Employees Working Overtime per Week (%)	19.4%	N/A

Data Source: Statistics Canada, Labour Force Survey, CANSIM Tables 282-0022, 282-0031, 282-0042, 282-0078 and 282-0084, 2015, and *custom tabulation (median retirement age)
Note: N/A denotes data suppressed by Statistics Canada due to insufficient sample size. The percentage of multiple jobholders in Alberta is obtained by dividing the number of multiple jobholders in Alberta by total employment in Alberta. The percentage of multiple jobholders in the industry is obtained by dividing the number of multiple jobholders in the industry by total employment in the industry. This calculation method also applies to the percentage of employees under union coverage and the percentage of employees working overtime per week.

According to *Alberta Occupational Demand Outlook 2013-2023*[7], employment growth in the following occupations: Agricultural and horticultural workers; and Contractors, operators and supervisors in agriculture, horticulture and aquaculture, is expected to be below Alberta's average rate for all occupations of 1.6%.

[6] This is for North American Industry Classification System (NAICS) 2007 code 11: Agriculture, forestry, fishing and hunting which includes support activities for forestry 1153.
[7] See http://work.alberta.ca/labour/occupational-demand-and-supply-forecast.html.

4. Size of Businesses in Alberta and the Industry

Table 3

Establishment Size	Businesses in Alberta		Businesses in Agriculture	
	Number of Employees	%*	Number of Employees	%*
Less than 20 employees	696,900	36.9%	13,400	78.8%
20 to 99 employees	674,500	35.7%	3,200	18.8%
100 to 500 employees	334,100	17.7%	N/A	N/A
Over 500 employees	185,200	9.8%	N/A	N/A

Data Source: Statistics Canada. Labour Force Survey. CANSIM Table 282-0076, 2015
* Percentages may not add up to 100 due to rounding.
Note: N/A denotes data suppressed by Statistics Canada due to insufficient sample size. Statistics Canada's survey methodology for determining establishment size differs from the one it uses in the Labour Force Survey to determine total employment. As a result, the total number of employees by establishment size will not be the same as total employment in the industry, except by coincidence.

Section B: Human Resources Profile

1. Occupational Information

Some examples of occupations in the Agricultural industry include:

- farm worker;
- dairy producer;
- greenhouse operator;
- animal care attendant; and
- beekeeper.

For a complete listing of all occupations related to this industry as well as detailed information on education and skill requirements, visit the Alberta Occupational Profiles[8] website.

2. Demographics: Gender and Age

According to the Labour Force Survey, the gender breakdown in the Agricultural industry in 2014 was as follows:

- women employed: 16,800 people, or 27.7%
- men employed: 43,800 people, or 72.3%

Overall in Alberta, women accounted for 44.8 % and men made up 55.2% of total employment (for all industries).

Table 4

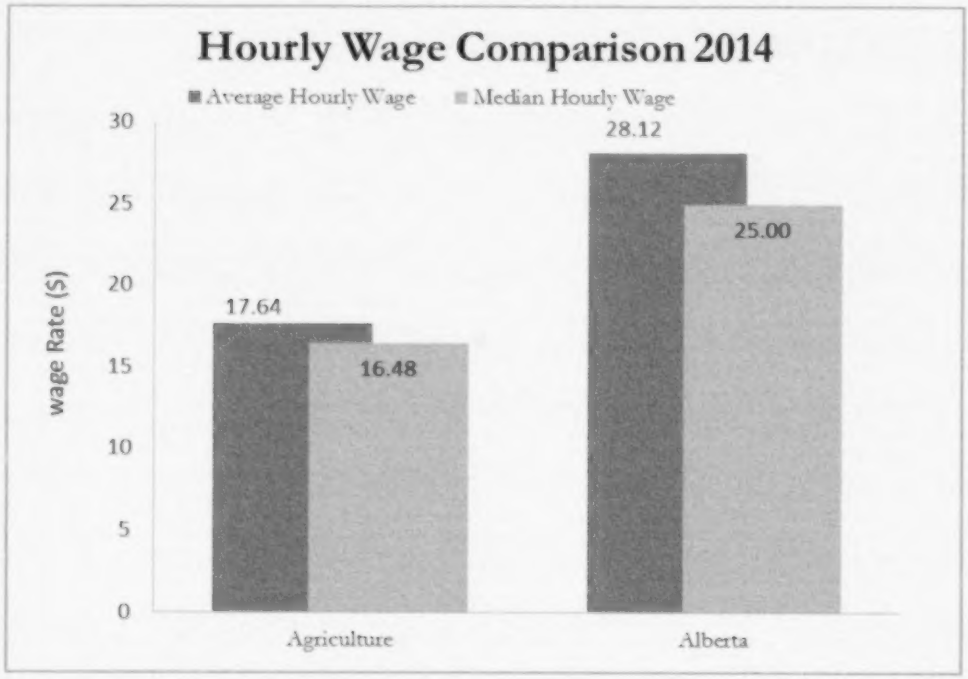
Age Characteristics	Employment in Alberta		Employment in Agriculture	
	Number	%*	Number	%*
15-24 years	354,100	14.8%	7,500	12.3%
25-54 years	1,605,000	67.3%	30,500	50.2%
55 years and over	427,200	17.9%	22,800	37.5%

Data Source: Statistics Canada, Labour Force Survey, CANSIM Table 282-0008, 2015
* Percentages may not add up 100 due to rounding.

[8] See http://www.alis.alberta.ca/occinfo

3. Wages and Salaries

Chart 1



Data Source: Statistics Canada, Labour Force Survey, CANSIM Table 282-0072, 2015
Note: The average hourly wage is obtained by dividing the sum of the wages of all the employees by the total number of employees. The median hourly wage is that wage below which half the employees earn and above which half the employees earn.

Table 5

Occupation	Average Hourly Wage			Average Annual Salary
	Starting	Overall	Top	
Agricultural representative, consultant and specialist	$ 32.98	$ 34.02	$ 43.32	$ 79,754
General farm worker	$ 15.38	$ 18.26	$ 21.05	$ 43,653
Farmer and farm manager (dairy producer)	$ 20.50	$ 23.70	$ 26.96	$ 55,800
Farm supervisor and specialized livestock worker (swine technician)	$ 16.23	$ 19.35	$ 22.42	$ 45,132

Data Source: 2013 Alberta Wage and Salary Survey

For more information on the *2013 Alberta Wage and Salary Survey*, refer to the WAGEinfo[9] website. For job descriptions, duties, required skills and education requirements for specific occupations in the Agricultural industry, visit the ALIS[10] website.

[9] See http://www.alis.alberta.ca/wageinfo
[10] See http://www.alis.alberta.ca

Section C: Additional Information

Links to Industry Associations

- Alberta Agricultural Economics Association (http://aaea.ab.ca)
- Alberta Barley Commission (http://www.albertabarley.com)
- Alberta Chicken Producers (http://www.chicken.ab.ca)
- Alberta Livestock and Meat Agency Ltd. (http://alma.alberta.ca/)
- Alberta Milk Producers (http://www.albertamilk.com)
- Agriculture and Food Council (http://www.agfoodcouncil.com)
- Alberta Pork (http://www.albertapork.com)
- Alberta Farm Fresh Producers Association (http://www.albertafarmfresh.com)
- Canadian Wheat Board (http://www.cwb.ca)

Call us or visit our website for more information or to find the following publications:

- 2014 Annual Alberta Labour Market Review
- Monthly Alberta Labour Force Statistics Highlights and Packages
- Alberta's Occupational Demand and Supply Outlook
- Alberta Labour Force Profiles
- Alberta Industry Profiles

www.work.alberta.ca/labour.html **(see Labour Market Information)**
In Edmonton: 780.422.4266
Long distance: 1.800.661.3753

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